

East 4/10/04

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1	3	(US-5668791-\$ or US-5332203-\$ or US-5427362-\$).did.	USPAT	2004/04/10 13:20

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Search History 4/10/04 1:22:55 PM Page 2 C:\APPS\least\workspaces\48154978.wsp				

PLUS 4/10/04

Butler, Douglas

From: PLUS
Sent: Monday, April 05, 2004 3:05 PM
To: Butler, Douglas
Subject: PLUS Results for 10725468

Here are the PLUS search results for 10725468.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10725468_QUAL.txt



10725468_LIST.txt



10725468_WEST.txt



10725468_EAST.txt



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10725468_CLS.txt



10725468_CLSTITLES.txt



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10725468_LIST

PLUS Search Results for S/N 10725468, Searched April 05, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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10725468_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10725468 on April 05, 2004

Original Classifications

5 359/557
5 514/249
2 73/865.9
2 123/90.16
2 156/248
2 180/446
2 267/140.13
2 294/68.1
2 310/348
2 330/277
2 381/71.11
2 607/36
2 701/29
2 710/22

Cross-Reference Classifications

5 359/554
2 108/55.5
2 156/249
2 156/252
2 156/272.8
2 156/89.16
2 177/DIG 11
2 192/3.31
2 294/67.4
2 303/900
2 310/366
2 318/254
2 330/296
2 359/690
2 381/93
2 430/567
2 701/41

Combined Classifications

5 359/554
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5 514/249
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2 294/67.4
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2 303/119.2
2 303/900
2 310/366
2 318/254
2 330/277
2 330/296
2 359/690
2 361/704
2 361/801
2 365/189.05
2 381/71.11
2 381/71.2
2 381/93
2 607/36
2 701/29
2 701/41
2 710/22

10725468_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10725468 on April 05, 2004

5 359/554 (0 OR, 5 XR)
Class 359 : OPTICS: SYSTEMS
359/554 IMAGE STABILIZATION

5 359/557 (5 OR, 0 XR)
Class 359 : OPTICS: SYSTEMS
359/554 IMAGE STABILIZATION
359/557 .By movable refractive structure

5 514/249 (5 OR, 0 XR)
Class 514 : DRUG, BIO-AFFECTING AND BODY TREATING
COMPOSITIONS
514/1 DESIGNATED ORGANIC ACTIVE INGREDIENT CONTAINING
(DOAI)
514/183 .Heterocyclic carbon compounds containing a
hetero ring having chalcogen (i.e., O,S,Se or Te) or
nitrogen as the only ring hetero atoms DOAI
514/247 ..Hetero ring is six-membered consisting of two
nitrogens and four carbon atoms (e.g., pyridazines, etc
)

514/248 ...Polycyclo ring system having a 1,2- or
1,4-diazine as one of the cyclos
514/2491,4-diazine as one of the cyclos

3 310/348 (2 OR, 1 XR)
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
310/300 NON-DYNAMOELECTRIC
310/311 .Piezoelectric elements and devices
310/348 ..With mounting or support means

3 430/567 (1 OR, 2 XR)
Class 430 : RADIATION IMAGERY CHEMISTRY: PROCESS,
COMPOSITION, OR PRODUCT THEREOF
430/495.1 RADIATION SENSITIVE PRODUCT
430/564 .Silver compound sensitizer containing
430/567 ..Silver compound having specified crystal
form, habit, particle size or particle size distribution

2 73/865.9 (2 OR, 0 XR)
Class 073 : MEASURING AND TESTING
73/865.9 TESTING OF APPARATUS

2 108/55.5 (0 OR, 2 XR)
Class 108 : HORIZONTALLY SUPPORTED PLANAR SURFACES
108/51.11 INDUSTRIAL PLATFORM
108/55.1 .With load-confining means
108/55.5 ..Means for receiving load holddown means

2 123/41.31 (1 OR, 1 XR)
Class 123 : INTERNAL-COMBUSTION ENGINES
123/41.01 COOLING
123/41.31 .With cooling of additional parts or materials

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- 2 123/90.16 (2 OR, 0 XR)
 Class 123 : INTERNAL-COMBUSTION ENGINES
 123/90.1 POPPET VALVE OPERATING MECHANISM
 123/90.15 ..With means for varying timing
 123/90.16 ..Cam-to-valve relationship
- 2 156/248 (2 OR, 0 XR)
 Class 156 : ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL
 MANUFACTURE
 156/1 METHODS
 156/60 ..Surface bonding and/or assembly therefor
 156/247 ..With stripping of adhered lamina
 156/248 ...With cutting of one lamina only while
 adhered
- 2 156/249 (0 OR, 2 XR)
 Class 156 : ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL
 MANUFACTURE
 156/1 METHODS
 156/60 ..Surface bonding and/or assembly therefor
 156/247 ..With stripping of adhered lamina
 156/249 ...And assembly with different lamina
- 2 156/252 (0 OR, 2 XR)
 Class 156 : ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL
 MANUFACTURE
 156/1 METHODS
 156/60 ..Surface bonding and/or assembly therefor
 156/250 ..With cutting, punching, tearing or severing
 156/252 ...Perforating lamina
- 2 156/272.8 (0 OR, 2 XR)
 Class 156 : ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL
 MANUFACTURE
 156/1 METHODS
 156/60 ..Surface bonding and/or assembly therefor
 156/272.2 ..With direct application of electrical,
 magnetic, or radiant energy to work
 156/272.8 ...Exposure of work to laser
- 2 156/89.16 (0 OR, 2 XR)
 Class 156 : ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL
 MANUFACTURE
 156/1 METHODS
 156/60 ..Surface bonding and/or assembly therefor
 156/89.11 ..With vitrification or firing ceramic material
 156/89.12 ...Forming electrical article or component
 thereof
 156/89.16Elemental metal or alloy containing
- 2 177/DIG 11 (0 OR, 2 XR)
 Class 177 : WEIGHING SCALES
 177/DIG 11 Vibrators
- 2 180/446 (2 OR, 0 XR)
 Class 180 : MOTOR VEHICLES
 180/400 STEERING GEAR

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180/443 .With electric power assist
180/446 ..Condition modulated

2 192/3.31 (0 OR, 2 XR)

Class 192 : CLUTCHES AND POWER-STOP CONTROL
192/3.21 VORTEX-FLOW DRIVE AND CLUTCH
192/3.28 .Including drive-lockup clutch
192/3.31 ..Having speed-responsive operator

2 267/140.12 (1 OR, 1 XR)

Class 267 : SPRING DEVICES
267/136 RESILIENT SHOCK OR VIBRATION ABSORBER
267/140.11 .Including energy absorbing means or feature
(e.g., supplemental vehicle equipment, such as motor mounted seat, etc., including additional fluid or friction energy absorber)
267/140.12 ..Having concentric coaxial spring between plural confining means for radial force

2 267/140.13 (2 OR, 0 XR)

Class 267 : SPRING DEVICES
267/136 RESILIENT SHOCK OR VIBRATION ABSORBER
267/140.11 .Including energy absorbing means or feature
(e.g., supplemental vehicle equipment, such as motor mounted seat, etc., including additional fluid or friction energy absorber)
267/140.13 ..Axial

2 294/67.4 (0 OR, 2 XR)

Class 294 : HANDLING: HAND AND HOIST-LINE IMPLEMENTS
294/67.1 HOISTLINE ATTACHED LOAD SUPPORTING FRAME
294/67.4 .Underlying load spanning support and sling

2 294/68.1 (2 OR, 0 XR)

Class 294 : HANDLING: HAND AND HOIST-LINE IMPLEMENTS
294/68.1 HOISTABLE RECEPTACLE

2 303/119.2 (1 OR, 1 XR)

Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
303/121 SPEED-CONTROLLED
303/113.1 .Having a valve system responsive to a wheel lock signal
303/119.1 ..System controlled by solenoid valve
303/119.2 ...System solenoid valve detail

2 303/900 (0 OR, 2 XR)

Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
303/900 ABS THROTTLE CONTROL

2 310/366 (0 OR, 2 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
310/300 NON-DYNAMOELECTRIC
310/311 .Piezoelectric elements and devices
310/365 ..Electrode arrangement
310/366 ...More than two

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- 2 318/254 (0 OR, 2 XR)
 - Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 - 318/254 SELF-COMMUTATED IMPULSE OR RELUCTANCE MOTORS

- 2 330/277 (2 OR, 0 XR)
 - Class 330 : AMPLIFIERS
 - 330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G., TRANSISTOR)
 - 330/277 .Including field effect transistor

- 2 330/296 (0 OR, 2 XR)
 - Class 330 : AMPLIFIERS
 - 330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G., TRANSISTOR)
 - 330/296 .Including particular biasing arrangement

- 2 359/690 (0 OR, 2 XR)
 - Class 359 : OPTICS: SYSTEMS
 - 359/642 LENS
 - 359/676 .With variable magnification (e.g., zoom type)

 - 359/683 ..With mechanical compensation
 - 359/689 ...Three groups
 - 359/690+ - + Arrangement

- 2 361/704 (1 OR, 1 XR)
 - Class 361 : ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES

 - 361/600 HOUSING OR MOUNTING ASSEMBLIES WITH DIVERSE ELECTRICAL COMPONENTS
 - 361/679 .For electronic systems and devices
 - 361/688 ..With cooling means
 - 361/704 ...Thermal conduction

- 2 361/801 (1 OR, 1 XR)
 - Class 361 : ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES

 - 361/600 HOUSING OR MOUNTING ASSEMBLIES WITH DIVERSE ELECTRICAL COMPONENTS
 - 361/679 .For electronic systems and devices
 - 361/748 ..Printed circuit board
 - 361/784 ...Plural
 - 361/796With housing or chassis
 - 361/801Specific latching or retaining device

- 2 365/189.05 (1 OR, 1 XR)
 - Class 365 : STATIC INFORMATION STORAGE AND RETRIEVAL
 - 365/189.01 READ/WRITE CIRCUIT
 - 365/189.05 .Having particular data buffer or latch

- 2 381/71.11 (2 OR, 0 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/71.1 ACOUSTICAL NOISE OR SOUND CANCELLATION
 - 381/71.8 .Counterwave generation control path
 - 381/71.11 ..Adaptive filter topology

- 2 381/71.2 (1 OR, 1 XR)

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Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES

381/71.1 ACOUSTICAL NOISE OR SOUND CANCELLATION

381/71.2 .Acoustic, nonairborne vibration sensing or
counterwave emission

2 381/93 (0 OR, 2 XR)

Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES

381/93 FEEDBACK SUPPRESSION

2 607/36 (2 OR, 0 XR)

Class 607 : SURGERY: LIGHT, THERMAL, AND ELECTRICAL
APPLICATION

607/1 LIGHT, THERMAL, AND ELECTRICAL APPLICATION

607/2 .Electrical therapeutic systems

607/9 ..Heart rate regulating (e.g., pacing)

607/36 ...Feature of stimulator housing or
encapsulation

2 701/29 (2 OR, 0 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION

701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
INDICATION

701/29 .Vehicle diagnosis or maintenance indication

2 701/41 (0 OR, 2 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION

701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
INDICATION

701/36 .Vehicle subsystem or accessory control

701/41 ..Steering control

2 710/22 (2 OR, 0 XR)

Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA
PROCESSING SYSTEMS: INPUT/OUTPUT

710/1 INPUT/OUTPUT DATA PROCESSING

710/22 .Direct Memory Accessing (DMA)